

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04B1/707

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	AU 56498 00 A (NIPPON ELECTRIC CO) 8 March 2001 (2001-03-08)	1-5, 7-9
Y	page 2, line 16 - line 19 page 2, line 27 - page 3, line 5 page 3, line 24 - page 4, line 14 page 4, line 23 - line 28 page 10, line 13 - line 22 page 11, line 18 - page 12, line 1 claims 1, 2, 9-11	6, 10
X	WO 00 67442 A (RAINISH DORON ; SMOLYAR LEV (IL); YELLIN DANIEL (IL); D S P C TECHN) 9 November 2000 (2000-11-09) page 5, line 12 - line 18 page 8, line 16 - line 23 claim 16	1-5, 7-9
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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\*8\* document member of the same patent family

Date of the actual completion of the international search

8 October 2002

Date of mailing of the international search report

29/10/2002

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DE 02/01697

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 60760 A (KONINKL PHILIPS ELECTRONICS NV) 12 October 2000 (2000-10-12) page 4, line 22 - line 25 page 5, line 31 page 8, line 2 - line 3 ---	1,7
Y	EP 0 978 951 A (LUCENT TECHNOLOGIES INC) 9 February 2000 (2000-02-09) abstract claims 6,10 -----	6,10

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE 02/01697

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
AU 5649800	A	08-03-2001	JP 2001077723 A	23-03-2001
			CN 1287422 A	14-03-2001
			GB 2358770 A	01-08-2001
WO 0067442	A	09-11-2000	US 6314130 B1	06-11-2001
			AU 3985800 A	17-11-2000
			EP 1180290 A1	20-02-2002
			EP 1215825 A2	19-06-2002
			WO 0067442 A1	09-11-2000
			US 2002061056 A1	23-05-2002
			US 2002061052 A1	23-05-2002
WO 0060760	A	12-10-2000	US 6442193 B1	27-08-2002
			CN 1310889 T	29-08-2001
			WO 0060760 A1	12-10-2000
			EP 1082819 A1	14-03-2001
			TW 466841 B	01-12-2001
EP 0978951	A	09-02-2000	US 6301293 B1	09-10-2001
			AU 4245199 A	24-02-2000
			BR 9902994 A	01-08-2000
			CN 1247417 A	15-03-2000
			EP 0978951 A2	09-02-2000
			JP 2000115028 A	21-04-2000
			KR 2000016990 A	25-03-2000

DOCKET NO: LBL-I 0028

SERIAL NO: \_\_\_\_\_

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(12) NACH DEM VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES  
PATENTWESENS (PCT) VERÖFFENTLICHTE INTERNATIONALE ANMELDUNG

(19) Weltorganisation für geistiges Eigentum  
Internationales Büro



(43) Internationales Veröffentlichungsdatum  
21. November 2002 (21.11.2002)

PCT

(10) Internationale Veröffentlichungsnummer  
**WO 02/093766 A1**

(51) Internationale Patentklassifikation<sup>7</sup>: **H04B 1/707**

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(21) Internationales Aktenzeichen: PCT/DE02/01697

(22) Internationales Anmeldedatum:

10. Mai 2002 (10.05.2002)

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(25) Einreichungssprache: Deutsch

(81) **Bestimmungsstaaten (national):** CN, JP, US.

(26) Veröffentlichungssprache: Deutsch

(84) **Bestimmungsstaaten (regional):** europäisches Patent (AT,  
BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,  
NL, PT, SE, TR).

(30) Angaben zur Priorität:

101 23 333.7 14. Mai 2001 (14.05.2001) DE

**Veröffentlicht:**

- mit internationalem Recherchenbericht
- vor Ablauf der für Änderungen der Ansprüche geltenden  
Frist; Veröffentlichung wird wiederholt, falls Änderungen  
eintreffen

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*Zur Erklärung der Zweibuchstaben-Codes und der anderen  
Abkürzungen wird auf die Erklärungen ("Guidance Notes on  
Codes and Abbreviations") am Anfang jeder regulären Ausgabe  
der PCT-Gazette verwiesen.*

(54) **Title:** MULTI-SUBSCRIBER DETECTION BY MEANS OF A RAKE RECEIVER STRUCTURE

(54) **Bezeichnung:** MEHRTEILNEHMER-DETEKTION MITTELS RAKE-EMPFÄNGER-STRUKTUR

(57) **Abstract:** The invention relates to a method for multi-subscriber detection by means of a RAKE receiver structure. At least one RAKE finger is deactivated in order to reduce the power consumption of the RAKE receiver structure during operation.

(57) **Zusammenfassung:** Bei einem Verfahren zur Mehrteilnehmer-Detektion mittels einer RAKE-Empfänger-Struktur werden ein oder mehrere RAKE-Finger zur Verminderung des Leistungsverbrauchs der RAKE-Empfänger-Struktur im Betrieb deaktiviert.

WO 02/093766 A1

Docket # L&L-10028

Applic. # \_\_\_\_\_

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